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			Application Number	
			Filing Date	
			First Named Inventor	ANDREACO, et al.
			Group Art Unit	
			Examiner Name	
Sheet	1	of	6	Attorney Docket Number 24017.03

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	2,910,592		Armistead	10-27-1959	
	AB	3,432,660		Anger	03-11-1969	
	AC	3,851,177		Van Dijk, et al.	11-26-1974	
	AD	3,899,675		Floyd	08-12-1975	
	AE	3,919,556		Berninger	11-11-1975	
	AF	3,955,088		Muehllehner, et al.	05-04-1976	
	AG	4,037,105		Laurer	07-19-1977	
	AH	4,075,483		Tancrell, et al.	02-21-1978	
	AI	4,095,107		Genna, et al.	06-13-1978	
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	AK	4,323,778		Wykes, et al.	04-06-1982	
	AL	4,398,092		Carlson	08-09-1983	
	AM	4,531,058		Burnham, et al.	07-23-1985	
	AN	4,667,299		Dunn	05-19-1987	
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	AQ	4,687,683		Ishii, et al.	08-18-1987	
	AR	4,733,083		Wong	03-22-1988	
	AS	4,743,764		Casey, et al.	05-10-1988	
	AT	4,749,863		Casey, et al.	06-07-1988	

FOREIGN PATENT DOCUMENTS								
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	AU	4,750,972		Casey, et al.	06-14-1988	
	AV	4,837,439		Genna, et al.	06-06-1989	
	AW	4,843,245		Lecomte	06-27-1989	
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	AY	5,107,121		Lim, et al.	04-21-1992	
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	BF	5,332,906		Lauf, et al.	07-26-1994	
	BG	5,338,936		Gullberg, et al.	08-16-1994	
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	BJ	5,434,416		Motomura, et al.	07-18-1995	
	BK	5,453,623		Wong, et al.	09-26-1995	
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BV	M.E. Phelps, et al.: "Positron Emission Tomography and Autoradiography," 296-271, Raven Press, 1986	
	BW	R.D. Evans: "The Atomic Nucleus," Kreiger, 1955	
	BX	J.C. Moyers: "A High Performance Detector Electronics System for Positron Emission Tomography," Master Thesis, University of Tennessee, Knoxville, TN 1990	
	BY	R.A. DeKemp, et al.: "Attenuation Correction in PET Using Single Photon Transmission Measurement," Med. Phys., Vol. 21, 771-778, 1994	
	BZ	S.R. Cherry, et al.: "3D-PET Using a Conventional Multislice Tomograph Without Septa," J1. C.A.T., 15(4)655-668, 1991	
	CA	J.S. Karp, et al.: "Singles Transmission in Volume-Imaging PET With a 137 Cs Source," Phys. Med. Biol. Vol. 40, 929-944, 1995	
	CB	S.K. Yu, et al.: "Single-Photon Transmission Measurements in Positron Tomography Using 137 Cs," Phys. Med. Biol. Vol. 40, 1255-1266, 1995	
	CC	G.F. Knoll: "Radiation Detection and Measurement," John Wiley & Sons, Inc.	
	CD	S.R. Cherry, et al.: "Optical Fiber Readout of Scintillator Arrays Using a Multi-Channel PMT: A High Resolution PET Detector for Animal Imaging," IEEE Transactions on Nuclear Science, Vol. 43, No. 3, 1932-1937, 06-1996	
	CE	J.A. McIntyre, et al.: "Construction of a Positron Emission Tomograph with 2.4 mm Detectors", IEEE Transactions on Nuclear Science, Vol. 33, No. 1, 425-427, February 1986	
	CF	M. Dahlborn, et al.: "Performance of a YSO/LSO Phoswich Detector for use in a PET/SPECT System", IEEE Transactions on Nuclear Science, Vol. 44, No. 3, 1114-1119, June 1997	

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CG	G.B. Loutts, et al.: "Czochralski growth and characterization of (Lu 1-x Gd x)2 SiO 5 single crystals for scintillators", Journal of Crystal Growth 174 (1997), 331-336	
	CH	M. Schmand, et al.: "Performance results of a new DOI detector block for a High Resolution PET - LSO Research Tomograph HRRT", Source unknown	
	CI	A.C. Kak and M. Slaney: "Principles of Computerized Tomographic Imaging", IEEE Press, 1987	
	CJ	J.A. Sorenson and M.E. Phelps: "Physics in Nuclear Medicine" W.B. Saunders Company, 1987	
	CK	P. Tan, et al.: "A Scanning Line Source for Simultaneous Emission and Transmission Measurements in SPECT", The Journal of Nuclear Medicine, Vol. 34, No. 10, October 1993	
	CL	D.L. Bailey, et al.: "Improved SPECT Using Simultaneous Emission and Transmission Tomography", The Journal of Nuclear Medicine, Vol. 28, No. 5, May 1987	
	CM	H.M. Hudson and R.S. Larkin: "Accelerated Image Reconstruction Using Ordered Subsets of Projection Data", IEEE Transactions on Medical Imaging, Vol. 13, No. 4, December 1994	
	CN	L.T. Chang: "A Method for Attenuation Correction in Radionuclide Computed Tomography", IEEE Transactions on Nuclear Science, Vol. NS-25, No. 1, February 1978	
	CO	E.F. Hollinger, et al.: "Using Fast Sequential Asymmetric Fanbeam Transmission CT for Attenuation Correction of Cardiac SPECT Imaging", The Journal of Nuclear Medicine, Vol. 39, No. 8, August 1998	
	CP	K. Lange, et al.: "A Theoretical Study of Some Maximum Likelihood Algorithms for Emission and Transmission Tomography", IEEE Transactions on Medical Imaging, Vol. MI-6, No. 2, June 1987	
	CQ	G.T. Gullberg, et al.: "An Attenuation Projector-Backprojector for Interactive SPECT Reconstruction", Phys. Med. Biol., 1985, Vol. 30, No. 3, 799-816	

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